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(71) Applicant (for all designated States except US): THE BOC GROUP PLC [GB/GB]; Chertsey Road, Windle-sham, Surrey GU20 6HJ (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GOODWIN, David,

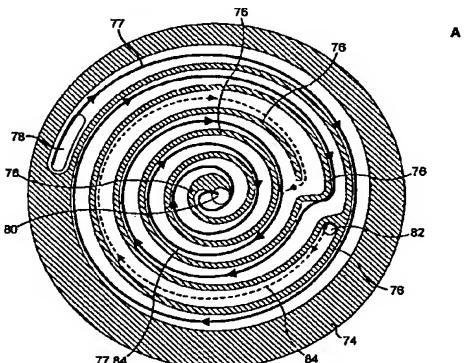
John [GB/GB]; BOC Edwards, Fleming Way, Crawley, West Sussex RH10 9NH (GB). SAUNDERS, Alan, John [GB/GB]; BOC Edwards, York Road, Burgess Hill, West Sussex RH15 9TT (GB). MAY, Philip, Lawrence [GB/GB]; BOC Edwards, Fleming Way, Crawley, West Sussex RH10 9NH (GB). HUNTLEY, Graeme [GB/GB]; BOC Edwards, Kenn Business Park, Kenn Road, Cleve-don, North Somerset BS21 6TH (GB).

(74) Agent: BOOTH, Andrew, Steven; The BOC Group Plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

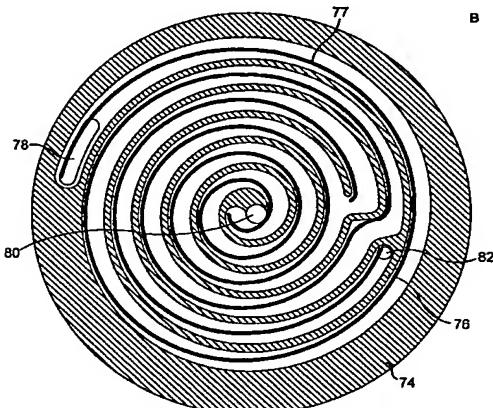
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(54) Title: SCROLL COMPRESSOR MULTIPILE ISOLATED INTEL PORTS



(57) Abstract: The present invention is concerned with a scroll wall arrangement for a scroll compressor. The scroll wall arrangement comprises a fixed scroll having fixed scroll walls and an orbiting scroll having orbiting scroll wall. Scroll wall arrangement has an inlet at a radially outer portion thereof and an outlet at a radially central portion thereof. A first flow path is defined by the orbiting and fixed scroll walls and extends from the inlet to the outlet, gas entering the arrangement through inlet at a first pressure and exhausting through outlet at a second pressure higher than the first pressure. Scroll wall arrangement comprises a second inlet through which gas can enter at a third pressure and follow a second fluid path where it is exhausted through the outlet at the second pressure. Two flow paths are thus provided having respective inlets. The third pressure at which gas enters through inlet is different from the first pressure, and lower than the second pressure. Accordingly, the inlets can pump gas at different pressures.





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